



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

Bruce Rauner, Governor

Wayne A. Rosenthal, Director

March 17, 2015

Patrick Dunn
CDM Smith
125 South Wacker Drive, Suite 600
Chicago, IL 60606

RE: LCJAWA West Group Water System Expansion Project, Leg 5C
IDNR Project #1510433
County: Lake

Dear Mr. Dunn:

This letter concerns the consultation for potential new water transmission mains in Lake County, Township 44 North, Range 9 East, Sections 2, 11 and 12. This project was submitted for consultation in accordance with the *Illinois Endangered Species Protection Act* [520 ILCS 10/11], the *Illinois Natural Areas Preservation Act* [525 ILCS 30/17], 17 Ill. Adm. Code Part 1075, the *Interagency Wetland Policy Act* [20 ILCS 830], and 17 Ill. Adm. Code Part 1090.

Wetland Review

If wetlands will be disturbed, the project must incorporate 1:1 mitigation requirements (attached) into the project plans. If the minimal impact criteria will not be met, you must notify the Department and the consultation will be re-opened. If wetlands will not be disturbed, no action is necessary. The Wetland Review under 17 Ill. Adm. Code 1090 is terminated.

Consultation

New transmission mains, ranging from 14-inches to 24-inches, would be installed along portions of Fish Lake Road and Gilmer Road for Leg 5C. At this location, the route lies within a Class III Special Resource Groundwater Area delineated under Illinois Administrative Rule [35 Ill. Adm. Code 620]. Class III Areas contribute groundwater to an Illinois Nature Preserve or other demonstrably unique or particularly sensitive ecological system, in this case to Cotton Creek Marsh Nature Preserve. This designation

automatically subjects the area to Class I or potable water standards and allows an area to be subject to adjusted water quality standards tailored to species or ecosystem sensitivities.

The Department recommends the following measures to prevent any adverse groundwater impact:

- Do not stage porta-johns directly at the site.
- Do not refuel at the site. All refueling equipment should be stored in secondary containment.
- If a trench must be dewatered, stage the pumps in secondary containment and locate them away from the excavation.
- Have absorbent pads available on site in the unlikely event of a spill or equipment leak.
- Should there be any chemical spills associated with the project (e.g., chemical spill, fuel tank leak, etc.) the ILEPA and IDNR should be contacted immediately
- Have a frac-out plan ready for areas where the pipeline will be installed utilizing horizontal directional drilling.

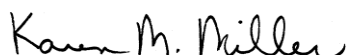
Consultation under *17 Ill. Adm. Code Part 1075* is completed. In accordance with 17 Ill. Adm. Code 1075.40(h), please notify the Department of your decision regarding these recommendations.

This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

Sincerely,



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Division of Ecosystems and Environment
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